

Senior Domain Architect

DEFINITION

Work at this level involves the analysis, planning, design, implementation, documentation, assessment and management of the enterprise structural framework to align IT strategy, plans and systems with the mission, goals, structure and processes of the organization. Incumbents lead, facilitate and provide directional guidance to the design, integration and life-cycle of high complexity business-driven technology solutions.

The work of this class requires incumbents to regularly operate across domains, with a specialization in one or more subject areas in a specific architecture domain. Senior Domain Architects provide solution and technical architecture guidance and oversight to business, project delivery, and system support teams. Senior Domain Architects typically operate at the Enterprise level and have frequent contact with senior management (internal and external to IT) often for the purpose of determining strategic direction and explaining technology trends, architectural standards and principles.

The primary objective of this class is to understand organization-wide needs, assess options, produce organization-wide designs, deliverables and roadmaps, and review complex project architectural deliverables for city-wide impacts. Work of this classification is differentiated from the Domain Architect by the capability and execution of architectural activities across multiple domains, greater involvement in pre-planning/project justification activities, and the responsibility of projects that have larger scope, complexity and risk.

TYPICAL DUTIES *

Ensures the alignment of solutions with organizational strategies and needs, and provides architectural oversight to the implementation of the solution.

Leads large and complex initiatives and solutions (involving multiple departments, new/leading edge technology, integrating several technology types, high visibility and/or risk, resulting in significant organizational change).

Provides expert guidance, assistance and communication on architectural designs, definitions and guidelines to stakeholders ranging from operational or project teams to senior level management.

Collaborates with IT staff, subject matter experts, business partners, clients and senior managers to understand business processes/functions/capabilities; assess the types of architecture service needed; plan and design solutions and service delivery.

Designs, develops, implements, and provides architectural oversight of technical solutions and provides direction, trouble shooting and optimization recommendations within areas of expertise; initiatives generally require operating across architectural domains (i.e. business, solution, information, etc).

Conducts evaluation and comparison of alternative solutions; determines suitability within enterprise roadmaps and business plans; ensures the alignment of solutions with organizational strategies and needs and engages in risk assessment and mitigation.



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Provides leadership to project personnel and other architects for complex architecture projects. May act for the Project Manager in their absence.

Collaborates with project team in creating business case assessment, project justification, ROI analysis, architectural review and/or RFP development and evaluation.

Is involved in the development, delivery, maintenance, communication and governance of architectural principles and standards.

Recommend improvements to existing data, application, and infrastructure architectures in areas of expertise.

KNOWLEDGE, ABILITIES AND SKILLS

Maturity across several domains with strong expertise in a particular domain.

Broad skills and experience; exposure to multiple technologies and business areas.

Deep knowledge of architecture frameworks and methods such as TOGAF including the ability to customize the framework/methodology for a given situation.

Strong leadership and facilitation skills in advising and collaborating with diverse stakeholders.

Well developed communication, negotiation, and influencing skills to assist in building strong working relationships.

Strong analytical, problem solving and planning skills.

Strong teamwork, interpersonal, presentation and communication skills (both verbal and written).

Proven leadership and information technology expertise particularly in Enterprise Architecture practice, IT architecture planning and design, and project management.

Ability to provide guidance and mentorship to less experienced staff.

TRAINING AND EXPERIENCE REQUIREMENTS

Job Level

Relevant post-secondary degree and 8 years related experience or diploma and 9 years related experience, including at least 3 years directly related experience in planning, designing, and implementing solution or project architectures, including leading teams. Formal certification in the area of expertise is desirable.

* *This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

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Grade	038		038	

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